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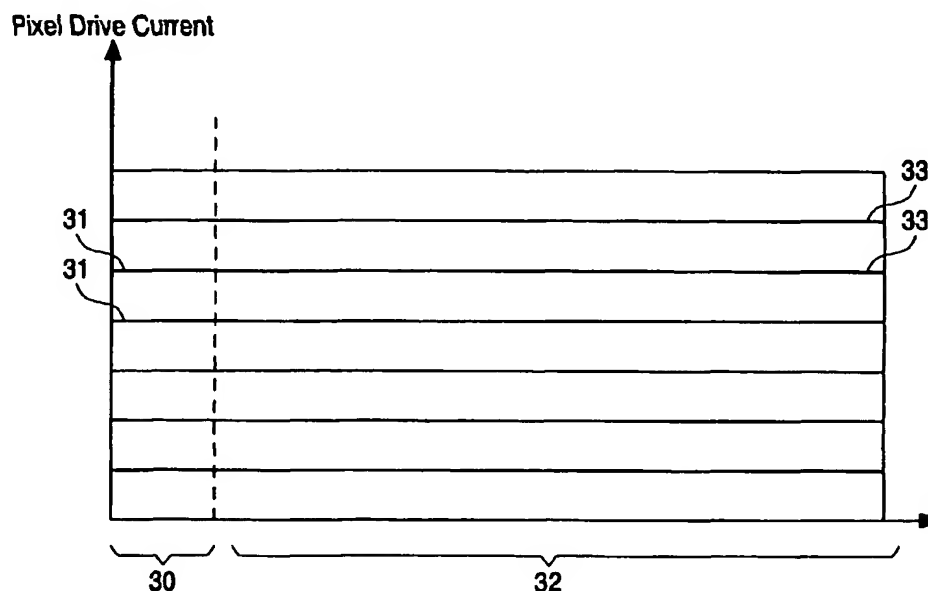
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- Published:**
— *with international search report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **ELECTROLUMINESCENT DISPLAY DEVICE TO DISPLAY LOW BRIGHTNESS UNIFORMLY**



(57) Abstract: An electroluminescent (EL) display device has current-driven pixels and is operable in at least two phases within each frame period. In one phase, one of a first plurality (31) of analogue drive currents can be driven through EL display element. In another longer phase, one of a second plurality (33) of analogue drive currents is independently driven through the EL display element. This device combines a time ratio method with an analogue drive scheme. A shorter phase may provide the higher resolution (smaller) increments and one longer phase may provide lower resolution (larger) increments. Low brightness outputs can be achieved with a higher drive current, but over a short duration, which reduces non-uniformity in the pixel output.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/03204

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 717 446 A (EASTMAN KODAK CO) 19 June 1996 (1996-06-19) page 5, line 9 - line 14; figure 1 ---	1-12
Y	US 6 094 243 A (YASUNISHI NORIO) 25 July 2000 (2000-07-25) column 14, line 16 - column 16, line 35; figure 4; table 1 column 2, line 43 - line 49 column 2, line 53 - line 58 column 2, line 66 - column 3, line 5 -----	1-12

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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